

Raw Sequence Listing Error Summary

ERROR DETECTEDSUGGESTED CORRECTION

SERIAL NUMBER: 091534,861B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☒ Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/534,861B

DATE: 2000/03/24

TIME: 10:40:18

S. W. O. P. 5

Input Set : A:\15313SEQrev.txt

Output Set: N:\CRF4\01172003\I534861B.raw

```

3 <110> APPLICANT: Sneekens, J.C.M.
4      Ebskamp, Michael
5      Geerts, Hendrikis
6      Weisbeek, Petrus
7 <120> TITLE OF INVENTION: Production of Oligosaccharides in Transgenic Plants
10 <130> FILE REFERENCE: ARNO-1-15313
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/534,861B
13 <141> CURRENT FILING DATE: 2000-03-24
15 <150> PRIOR APPLICATION NUMBER: US 09/019,385
16 <151> PRIOR FILING DATE: 1998-02-05
18 <150> PRIOR APPLICATION NUMBER: US 08/479,470
19 <151> PRIOR FILING DATE: 1995-06-07
21 <150> PRIOR APPLICATION NUMBER: NL 1000064
22 <151> PRIOR FILING DATE: 1995-04-05
24 <150> PRIOR APPLICATION NUMBER: NL 9401140
25 <151> PRIOR FILING DATE: 1994-08-07
27 <160> NUMBER OF SEQ ID NOS: 12
29 <170> SOFTWARE: PatentIn version 3.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 2094
33 <212> TYPE: DNA
34 <213> ORGANISM: Barley
36 <220> FEATURE:
37 <221> NAME/KEY: CDS
38 <222> LOCATION: (46)..(1923)
40 <400> SEQUENCE: 1
41 gctcagaatc taacaaaccc tctcggaggtt gacgagcgcc gccgc atg ggg tca cac      57
42                                     Met Gly Ser His
43                                     1
45 ggc aag cca ccg cta ccg tac gcc tac aag ccg ctg ccc tgg gac gcc      105
46 Gly Lys Pro Pro Leu Pro Tyr Ala Tyr Lys Pro Leu Pro Ser Asp Ala
47 5      10      15      20
49 gcc gac ggt aag cgg acc gcc tgg atg agg tgg tcc gcc tgt gcc acc      153
50 Ala Asp Gly Lys Arg Thr Gly Cys Met Arg Trp Ser Ala Cys Ala Thr
51 25      30      35
53 atg ctg acc gcc tgg gcc atg ggg atg gtc gtc gtc ggc gcc acc ctg      201
54 Val Leu Thr Ala Ser Ala Met Ala Val Val Val Val Gly Ala Thr Leu
55 40      45      50
57 atg ggt acc tgg acc atg ggt acc tgg acc tgg acc tgg acc tgg acc      249
58 Val Ala Gly Leu Arg Met Val Val Ala Val Arg Val Val Ala Ala Ala
59 55      60      65
61 acc acc acc acc acc acc acc acc acc acc acc acc acc acc acc acc      297
62 Gly Gly Ile Ile Trp Ile Arg Val Met Leu Val Trp Val Arg Ile Gly

```

RAW SEQUENCE LISTING

PATENT APPLICATION NO: US/09/534,861B

[illegible]

File Name : A:\15313SEOrev.txt

Output File: N:\CRF4\01172003\I534861B.raw

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/534,861B

DATE: 11-17-2003

TIME: 1:46:00

Input Seq : A:\15313SEQrev.txt

Output Seq : N:\CRF4\01172003\I534861B.raw

```

101 aac tac cac tgg gga aag ttc tat ggt tcc aac tac att tat gat tgg      1011
102 Ala Tyr Asp Trp Gly Lys Leu Tyr Ala Ser Thr Ser Ile Tyr Asp Trp
103      445      450      455
104 gaa aac aac tgg tgg tgg ttc atg ttt tat ggt ttt tat ggt ttt ttt      1012
105 Ala Lys Asn Arg Arg Val Leu Met Gly Tyr Val Gly Glu Val Asp Ser
106      460      465      470
107 aag cgg gct gat gtc gtc aag gga tgg gct tcc att cag tca gtc cct      1209
108 Lys Arg Ala Asp Val Val Lys Gly Trp Ala Ser Ile Gln Ser Val Pro
109      475      480      485
110 agg aag gtg gct ctg gat gag aag acc cgg aag aac ctg ctg ctg tgg      1257
111 Arg Thr Val Ala Leu Asp Glu Lys Thr Arg Thr Asn Leu Leu Leu Trp
112      490      495      500
113 ccc gtt gag gag atc gag acc ctg cgc ctg aat ggc aag gaa ctg acc      1305
114 Pro Val Glu Glu Ile Glu Thr Leu Arg Leu Asn Ala Thr Glu Leu Thr
115      505      510      515
116 gac gtt acc att aac act ggc tcc gtc atc cat atc cgg ctg cgc aaa      1353
117 Asp Val Thr Ile Asn Thr Gly Ser Val Ile His Ile Pro Leu Arg Gln
118      520      525      530
119 ggc act cac gct cga cat ggc gag gcc tct ttc cac ctt gat gct tcc      1401
120 Gly Thr His Ala Arg His Ala Glu Ala Ser Phe His Leu Asp Ala Ser
121      535      540      545
122 gcc gtg gct gcc ctg aac gag gcc gat gtg gcc tac aac tgc agt agc      1449
123 Ala Val Ala Ala Leu Asn Glu Ala Asp Val Gly Tyr Asn Cys Ser Ser
124      550      555      560
125 acc ggc ggc gct gtt aac cgc ggc ggc cta gcc ccc ttc ggc ctg ctg      1497
126 Ser Gly Gly Ala Val Asn Arg Gly Ala Leu Gly Pro Phe Gly Leu Leu
127      565      570      575
128 gtc ctg gcc gcc ggt gac cgc cgt gcc gag aac acc gcc gtc tac ttc      1545
129 Val Leu Ala Ala Gly Asp Arg Arg Gly Glu Gln Thr Ala Val Tyr Phe
130      580      585      590
131 tac gtg tct agg gcc ctt gac gga gcc ctg cac acc agc ttc tgc aac      1593
132 Tyr Val Ser Arg Gly Leu Asp Gly Gly Leu His Thr Ser Phe Cys Gln
133      595      600      605
134 gat gag ctg aga tgg tca cga gcc aag gat gtg acc aag cgt gtc atc      1641
135 Asp Glu Leu Arg Ser Ser Arg Ala Lys Asp Val Thr Lys Arg Val Ile
136      610      615      620
137 ggg acc acc gtg ccg gtg ctg gac ggt gag gct ttg tca atg agg gtg      1689
138 Gly Ser Thr Val Pro Val Leu Asp Gly Glu Ala Leu Ser Met Arg Val
139      625      630      635
140 ctg gtg gat cac tcc atc gtg cag gcc ttc gac atg gcc ggg agg acc      1737
141 Leu Val Asp His Ser Ile Val Gln Gly Phe Asp Met Gly Gly Arg Thr
142      640      645      650
143 acc atg acc tgg cgg gtg tac ccg atg gag tgg tat cag gag gaa aga      1785
144 Thr Met Thr Ser Arg Val Tyr Pro Met Glu Ser Tyr Gln Glu Ala Arg
145      655      660      665
146 gtc tac ttg ttc aac aac gcc acc ggt gcc acc gtg acc gcc gaa agg      1833
147 Val Tyr Leu Phe Asn Asn Ala Thr Gly Ala Ser Val Thr Ala Glu Arg
148      670      675      680
149 cta gta tta cac tta atg cag tta tta cag tta tta cag tta tta tta      1881

```

RAW SEQUENCE LISTING

PATENT APPLICATION N: US/09/534,861B

DATE: 11/17/2003

TIME: 11:40:11

Input File : A:\15313SEQrev.txt

Output File : N:\CRF4\01172003\I534861B.raw

```

144 Leu Val Val His Glu Met Asp Ser Ala His Asn Gln Leu Ser Asn Gln
145      611      612      613      614      615      616      617      618      619      620
146 Asp Asp Gly Met Tyr Leu His Ala Val Leu Glu Ser Asn His
147      621      622      623      624      625      626      627      628      629      630
201 taataagctc ccttggtctc cagaagctcc ccagggaagg gcaattcaca cacaacacaa 1983
202 atcattctgc acaacctgcg ttgagagag ccttgaaaca tctgtattt gacacatct 2043
203 ttcaatttag tcatagtcaa ctatattact ttgtaaaaaa aaaaaaaaaa a 2094
204 <210> SEQ ID NO: 2
205 <211> LENGTH: 626
206 <212> TYPE: PRI
207 <213> ORGANISM: Barley
208 <400> SEQUENCE: 2
209 Met Gly Ser His Gly Lys Pro Pro Leu Pro Tyr Ala Tyr Lys Pro Leu
210      1      5      10      15
211 Pro Ser Asp Ala Ala Asp Gly Lys Arg Thr Gly Cys Met Arg Trp Ser
212      20      25      30
213 Ala Cys Ala Thr Val Leu Thr Ala Ser Ala Met Ala Val Val Val Val
214      35      40      45
215 Gly Ala Thr Leu Leu Ala Gly Leu Arg Met Glu Gln Ala Val Asp Glu
216      50      55      60
217 Glu Ala Ala Ala Gly Gly Phe Pro Trp Ser Asn Glu Met Leu Gln Trp
218      65      70      75      80
219 Gln Arg Ser Gly Tyr His Phe Gln Thr Ala Lys Asn Tyr Met Ser Asp
220      85      90      95
221 Pro Asn Gly Leu Met Tyr Tyr Arg Gly Trp Tyr His Met Phe Tyr Gln
222      100      105      110
223 Tyr Asn Pro Val Gly Thr Asp Trp Asp Asp Gly Met Glu Trp Gly His
224      115      120      125
225 Ala Val Ser Arg Asn Leu Val Gln Trp Arg Thr Leu Pro Ile Ala Met
226      130      135      140
227 Val Ala Asp Gln Trp Tyr Asp Ile Leu Gly Val Leu Ser Gly Ser Met
228      145      150      155      160
229 Thr Val Leu Pro Asn Gly Thr Val Ile Met Ile Tyr Thr Gly Ala Thr
230      165      170      175
231 Asn Ala Ser Ala Val Glu Val Gln Cys Ile Ala Thr Pro Ala Asp Pro
232      180      185      190
233 Asn Asp Pro Leu Leu Arg Arg Trp Thr Lys His Pro Ala Asn Pro Val
234      195      200      205
235 Ile Trp Ser Pro Pro Gly Val Gly Thr Lys Asp Phe Arg Asp Pro Met
236      210      215      220
237 Thr Ala Trp Tyr Asp Glu Ser Asp Glu Thr Trp Arg Thr Leu Leu Gly
238      225      230      235      240
239 Ser Lys Asp Asp His Asp Gly His His Asp Gly Ile Ala Met Met Tyr
240      245      250      255
241 Lys Thr Lys Asp Phe Leu Asn Tyr Glu Leu Ile Pro Gly Ile Leu His
242      260      265      270
243 Arg Val Val Arg Thr Gly Glu Trp Gln Cys Ile Asp Phe Tyr Pro Val
244      275      280      285

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/534,861B

DATE: 11/17/03

TIME: 1:14:12

Input File: A:\15313SEQrev.txt

Output File: N:\CRF4\01172003\I534861B.raw

```

387 Gly Arg Arg Ser Ser Asp Asn Ser Thr Glu Met Leu His Val Leu Lys
388 387 388 389
391 Ala Ser Met Asp Asp Ala Arg His Asp Tyr Tyr Ser Leu Lys Thr Tyr
392 391 392 393
395 Asp Ser Ala Ala Asn Thr Trp Thr Pro Ile Asp Pro Glu Leu Asp Leu
396 395 396 397
399 Gly Ile Gly Leu Arg Tyr Asp Trp Gly Lys Phe Tyr Ala Ser Thr Ser
400 399 400 401
403 Phe Tyr Asp Pro Ala Lys Asn Arg Arg Val Leu Met Gly Tyr Val Gly
404 403 404 405
407 Glu Val Asp Ser Lys Arg Ala Asp Val Val Lys Gly Trp Ala Ser Ile
408 407 408 409
411 Gln Ser Val Pro Arg Thr Val Ala Leu Asp Glu Lys Thr Arg Thr Asn
412 411 412 413
415 Leu Leu Leu Trp Pro Val Glu Glu Ile Glu Thr Leu Arg Leu Asn Ala
416 415 416 417
419 Thr Glu Leu Thr Asp Val Thr Ile Asn Thr Gly Ser Val Ile His Ile
420 419 420 421
423 Pro Leu Arg Gln Gly Thr His Ala Arg His Ala Glu Ala Ser Phe His
424 423 424 425
427 Leu Asp Ala Ser Ala Val Ala Ala Leu Asn Glu Ala Asp Val Gly Tyr
428 427 428 429
431 Asn Cys Ser Ser Ser Gly Gly Ala Val Asn Arg Gly Ala Leu Gly Pro
432 431 432 433
435 Phe Gly Leu Leu Val Leu Ala Ala Gly Asp Arg Arg Gly Glu Gln Thr
436 435 436 437
439 Ala Val Tyr Phe Tyr Val Ser Arg Gly Leu Asp Gly Gly Leu His Thr
440 439 440 441
443 Ser Phe Cys Gln Asp Glu Leu Arg Ser Ser Arg Ala Lys Asp Val Thr
444 443 444 445
447 Lys Arg Val Ile Gly Ser Thr Val Pro Val Leu Asp Gly Glu Ala Leu
448 447 448 449
451 Ser Met Arg Val Leu Val Asp His Ser Ile Val Gln Gly Phe Asp Met
452 451 452 453
455 Gly Gly Arg Thr Thr Met Thr Ser Arg Val Tyr Pro Met Glu Ser Tyr
456 455 456 457
459 Gln Glu Ala Arg Val Tyr Leu Phe Asn Asn Ala Thr Gly Ala Ser Val
460 459 460 461
463 Thr Ala Glu Arg Leu Val Val His Glu Met Asp Ser Ala His Asn Gln
464 463 464 465
467 Leu Ser Asn Glu Asp Asp Gly Met Tyr Leu His Gln Val Leu Glu Ser
468 467 468 469
471 Arg His
472 471
475 <210> SEQ ID NO: 3
476 <211> LENGTH: 30
477 <212> TYPE: PNA
478 <213> ORGANISM: Synthesia PNA
479 <214> REFERENCE:

```

inserted residue, see error summary sheet
item 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION N: US/09/534,861B

DATE: 1/17/03
TIME: 11:40:11

Input Seq : A:\15313SEQrev.txt
Output Seq: N:\CRF4\01172003\I534861B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 6,12,18

Seq#:12; Xaa Pos. 5,7,8,11,13

VERIFICATION SUMMARY

PATENT APPLICATION N: US/09/534,861B

DATE: 1/17/03

TIME: 1:46:14

Input File: A:\15313SEQrev.txt

Input File: N:\CRF4\01172003\1534861B.raw

Line 1: M:11 C: Current Application Number differs, Replaced Current Application Number

Line 2: M:41 W: 4 "a" or "Xia" used, for SP, ID#11 after: s:

Line 3: M:41 W: 4 "a" or "Xia" used, for SP, ID#11 after: s: